

**CERCLA OFFSITE DISPOSAL REPORT
HELENA CHEMICAL SITE
EMERGENCY AND RAPID RESPONSE SERVICES
REGION 6**

Prepared for:

U.S. Environmental Protection Agency Region 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

EPA Contract No. 68-S6-02-01
Task Order No. 0072

Prepared by:

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1.0 INTRODUCTION AND OVERVIEW

This report was prepared by Environmental Quality Management, Inc. (EQ), in accordance with Attachment 11, Section 2 of EQ's Emergency and Rapid Response Services Contract No. 68-S6-02-01. The report summarizes all off-site disposal activities for the following task order site:

Superfund Site Name:	Helena Chemical Site
State:	Mission, TX
CERCLIS Number:	TXD980625008

Section 2.0 is a compilation of site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities.

2.0 CERCLA OFF-SITE DISPOSAL REPORTS

This section contains site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities. A total of three (3) waste streams were identified as follows for the Helena Chemical site:

<u>Waste Stream No.</u>	<u>Type/Form</u>
1. Hazardous Soil and Debris	Halogenated Organics/ Contaminated Soil and Debris
2. Nonhazardous Soil and Debris	Non-Hazardous/Contaminated Soil and Debris
3. Nonhazardous Waste Water	Non-Hazardous/Waste Water

Hazardous Soil and Debris

1. Superfund Site Name: Helena Chemical
CERCLIS # TXD980625008 State: Texas
2. Type of Action
☒ Removal ☐ Remedial
☐ Fund Financed ☐ Fund Financed
☐ PRP Financed ☐ PRP Financed
3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:
- | Type: | Form: |
|--|---|
| <input type="checkbox"/> Solvents | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Dioxins/Furans | <input type="checkbox"/> Liquid Waste |
| <input type="checkbox"/> Cyanide | <input type="checkbox"/> Organic Sludge (greater than 1% Total Solids) |
| <input type="checkbox"/> Heavy Metals (Specify)
_____ | <input type="checkbox"/> Inorganic Sludge (less than 1% Total Organic Carbon) |
| <input type="checkbox"/> Acids | <input type="checkbox"/> Solid or Solidified Waste |
| <input type="checkbox"/> PCBs | <input checked="" type="checkbox"/> Contaminated Soil and Debris |
| <input checked="" type="checkbox"/> Halogenated Organics | |
| <input type="checkbox"/> Other RCRA-listed Hazardous Wastes (Specify)
_____ | |
| <input type="checkbox"/> Non-hazardous or de-listed Wastes | |
4. Quantity of Waste:
☐ Cubic Yards(CY) ☐ Lab Packs
☐ Gallons (Gal) 4,700 Tons
☐ Drums
5. Range, average, and/or representative concentration of the contaminants of concern
Endrin > 0.02mg/L (D012), Lindane > 0.4 mg/L(D013), Chlorobenzene > 100.00mg/L (D021)
6. Pre-treatment of waste before transportation:
☐ Precipitation ☐ Neutralization
☐ Solidification ☐ Fixation
☐ Stabilization ☐ Other
☒ None
7. Receiving RCRA facility name/location/I.D. No./unit(s):
1) Clean Harbors Deer Park LP, 2027 Battleground Road, La Porte, TX 77571, TXD055141378

2) Veolia ES Technical Solutions, Hwy 73 3.5 Miles West of Taylor's Bayou, Port Arthur, TX 77643, TXD000838896

8. Receiving Region: Region 6
9. Receiving Region Offsite Contact (RROC):
Name: Ron Shannon Date: 11/9/06
10. Date of Shipment: 11/13/06, 11/15/06, 11/17/06, 11/20/06, 11/22/06, 12/7/06, 12/8/06, 12/9/06, 12/11/06, 12/12/06, 12/13/06, 12/14/06, 12/15/06, 12/16/06, 12/18/06, 12/19/06, 12/20/06, 12/21/06, 2/10/07, 2/12/07, 2/13/07, 2/14/07, 2/15/07, 2/16/07, 3/17/07, 3/19/07, 3/20/07, 3/21/07, 3/22/07, 3/23/07, 3/24/07, 3/26/07, 3/28/07, 4/4/07, 4/5/07, 4/6/07, 4/7/07, 4/9/07, 4/10/07, 4/11/07, 4/12/07, 4/14/07, 4/26/07, 4/27/07, 4/29/07
- Date of Disposal: 11/15/06, 11/16/06, 11/17/06, 11/18/06, 11/21/06, 11/22/06, 11/26/06, 11/28/06, 12/1/06, 12/8/06, 12/9/06, 12/10/06, 12/11/06, 12/12/06, 12/13/06, 12/14/06, 12/15/06, 12/16/06, 12/17/06, 12/18/06, 12/19/06, 12/20/06, 12/21/06, 12/22/06, 12/26/06, 12/27/06, 2/14/07, 2/16/07, 2/18/07, 2/22/07, 2/23/07, 2/24/07, 2/25/07, 2/27/07, 2/28/07, 3/3/07, 3/27/07, 3/28/07, 3/29/07, 3/30/07, 3/31/07, 4/2/07, 4/3/07, 4/4/07, 4/5/07, 4/26/07, 4/27/07, 4/30/07
11. Pre-treatment of waste at site before final treatment or disposal:
☐ Precipitation ☐ Neutralization
☐ Solidification ☐ Fixation
☐ Stabilization ☐ Other
☒ None
12. Final method of treatment or disposal/unit receiving:
☐ Precipitation ☐ Neutralization
☒ Incineration ☐ Landfill
☐ Land Treatment ☐ Injection
☐ Recovery/Re-Use ☐ Other (Fuels blending)
13. If waste was landfilled:
- What disposal cell number or location? N/A

- Type of liner in cell (e.g. PVC, Clay, hypalon) N/A

14. Cost of Activities:
- Cost based on treatment/disposal only: \$ 1,776,453.28
- Cost for transportation: \$ 164,025.14 (Veolia only)

Nonhazardous Soil and Debris

1. Superfund Site Name: Helena Chemical
CERCLIS # TXD980625008 State: Texas
2. Type of Action
☒ Removal ☐ Remedial
☐ Fund Financed ☐ Fund Financed
☐ PRP Financed ☐ PRP Financed
3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:
- | Type: | Form: |
|---|---|
| <input type="checkbox"/> Solvents | <input type="checkbox"/> Wastewater |
| <input type="checkbox"/> Dioxins/Furans | <input type="checkbox"/> Liquid Waste |
| <input type="checkbox"/> Cyanide | <input type="checkbox"/> Organic Sludge (greater than 1% Total Solids) |
| <input type="checkbox"/> Heavy Metals (Specify) _____ | <input type="checkbox"/> Inorganic Sludge (less than 1% Total Organic Carbon) |
| <input type="checkbox"/> Acids | <input type="checkbox"/> Solid or Solidified Waste |
| <input type="checkbox"/> PCBs | <input checked="" type="checkbox"/> Contaminated Soil and Debris |
| <input type="checkbox"/> Halogenated Organics | |
| <input type="checkbox"/> Other RCRA-listed Hazardous Wastes (Specify) _____ | |
| <input checked="" type="checkbox"/> Non-hazardous or de-listed Wastes | |
4. Quantity of Waste:
☐ Cubic Yards(CY) ☐ Lab Packs
☐ Gallons (Gal) 13,490 Tons
☐ Drums
5. Range, average, and/or representative concentration of the contaminants of concern
N/A
6. Pre-treatment of waste before transportation:
☐ Precipitation ☐ Neutralization
☐ Solidification ☐ Fixation
☐ Stabilization ☐ Other
☒ None
7. Receiving RCRA facility name/location/I.D. No./unit(s):
AWI - EL Centro Landfill
Four Miles South, Petronilia Road, Robstown, TX 78380
MSW Permit #2267

8. Receiving Region: Region 6

9. Receiving Region Offsite Contact (RROC):

Name: Ron Shannon

Date: 12/19/2006

10. Dates of Shipment: 12/21/06, 1/3/07, 1/4/07, 1/5/07, 1/11/07, 1/12/07, 1/13/07, 1/15/07, 1/16/07, 1/17/07, 1/18/07, 1/19/07, 1/20/07, 1/22/07, 1/25/07, 1/26/07, 1/29/07, 1/30/07, 1/31/07, 2/1/07, 2/5/07, 2/6/07, 2/7/07, 2/8/07, 2/9/07, 2/10/07, 2/13/07, 2/14/07, 2/15/07, 2/16/07, 2/17/07, 2/19/07, 2/20/07, 2/21/07, 2/22/07, 2/23/07, 2/24/07, 2/26/07, 2/27/07, 2/28/07, 3/1/07, 3/5/07, 3/6/07, 3/7/07, 3/8/07, 3/10/07, 3/13/07, 3/13/07, 3/14/07, 3/15/07, 4/4/07, 4/5/07, 4/6/07

Date of Disposal: 12/21/06, 1/3/07, 1/4/07, 1/5/07, 1/11/07, 1/12/07, 1/13/07, 1/15/07, 1/16/07, 1/17/07, 1/18/07, 1/19/07, 1/20/07, 1/22/07, 1/25/07, 1/26/07, 1/29/07, 1/30/07, 1/31/07, 2/1/07, 2/5/07, 2/6/07, 2/7/07, 2/8/07, 2/9/07, 2/10/07, 2/13/07, 2/14/07, 2/15/07, 2/16/07, 2/17/07, 2/19/07, 2/20/07, 2/21/07, 2/22/07, 2/23/07, 2/24/07, 2/26/07, 2/27/07, 2/28/07, 3/1/07, 3/5/07, 3/6/07, 3/7/07, 3/8/07, 3/10/07, 3/13/07, 3/13/07, 3/14/07, 3/15/07, 4/4/07, 4/5/07, 4/6/07

11. Pre-treatment of waste at site before final treatment or disposal:

☐ Precipitation

☐ Solidification

☐ Stabilization

☐ Neutralization

☐ Fixation

☐ Other

☒ None

12. Final method of treatment or disposal/unit receiving:

☐ Precipitation

☐ Incineration

☐ Land Treatment

☐ Recovery/Re-Use

☐ Neutralization

☒ Landfill

☐ Injection

☐ Other (Fuels blending)

13. If waste was landfilled:

- What disposal cell number or location? Cell #2

- Type of liner in cell (e.g. PVC, Clay, hypalon) 2' compacted clay with 60 mil HDPE liner

14. Cost of Activities:

- Cost based on treatment/disposal only: \$ 300,366.07

- Cost for transportation: \$ 535,942.21

Nonhazardous Waste Water

1. Superfund Site Name: Helena Chemical
CERCLIS # TXD980625008 State: Texas
2. Type of Action
☒ Removal ☐ Remedial
☐ Fund Financed ☐ Fund Financed
☐ PRP Financed ☐ PRP Financed
3. Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:

Type:

☐ Solvents
☐ Dioxins/Furans
☐ Cyanide
☐ Heavy Metals (Specify)

☐ Acids
☐ PCBs
☐ Halogenated Organics
☐ Other RCRA-listed Hazardous Wastes (Specify)

☒ Non-hazardous or de-listed Wastes

Form:

☒ Wastewater
☐ Liquid Waste
☐ Organic Sludge (greater than 1% Total Solids)
☐ Inorganic Sludge (less than 1% Total Organic Carbon)
☐ Solid or Solidified Waste
☐ Contaminated Soil and Debris

4. Quantity of Waste:
☐ Cubic Yards(CY) ☐ Lab Packs
39,289 Gallons (Gal) ☐ Tons/Lbs
☐ Drums
5. Range, average, and/or representative concentration of the contaminants of concern
N/A

6. Pre-treatment of waste before transportation:
☐ Precipitation ☐ Neutralization
☐ Solidification ☐ Fixation
☐ Stabilization ☐ Other
☒ None

7. Receiving RCRA facility name/location/I.D. No./unit(s):

Texas Molecular Corpus Christi Services, L.P.
6901 Greenwood Drive, Corpus Christi, TX 78415
TXR000001016

8. Receiving Region: Region 6
9. Receiving Region Offsite Contact (RROC):
Name: Ron Shannon Date: 2/9/07
10. Date of Shipment: 2/14/07, 2/15/07, 2/16/07, 2/19/07, 4/30/07
Date of Disposal: 2/14/07, 2/15/07, 2/16/07, 2/19/07, 4/30/07
11. Pre-treatment of waste at site before final treatment or disposal:

<input type="checkbox"/> Precipitation	<input type="checkbox"/> Neutralization
<input type="checkbox"/> Solidification	<input type="checkbox"/> Fixation
<input type="checkbox"/> Stabilization	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> None
12. Final method of treatment or disposal/unit receiving:

<input type="checkbox"/> Precipitation	<input type="checkbox"/> Neutralization
<input type="checkbox"/> Incineration	<input type="checkbox"/> Landfill
<input type="checkbox"/> Land Treatment	<input checked="" type="checkbox"/> Injection
<input type="checkbox"/> Recovery/Re-Use	<input type="checkbox"/> Other (Fuels blending)
13. If waste was landfilled:
- What disposal cell number or location? N/A

- Type of liner in cell (e.g. PVC, Clay, hypalon) N/A

14. Cost of Activities:
- Cost based on treatment/disposal only: \$ 11,792.60 total T&D
- Cost for transportation: included in per gallon disposal price (\$0.30 per gallon)